

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Total.....	5,703	2,460	795	1,004	815	459	159
Management occupations.....	629	270	110	131	65	30	22
Top executives.....	27	15	3	3	3	--	--
Chief executives.....	13	7	--	--	--	--	--
Chief executives.....	13	7	--	--	--	--	--
General and operations managers.....	14	8	--	--	--	--	--
General and operations managers.....	14	8	--	--	--	--	--
Advertising, marketing, promotions, public relations, and sales managers.....	19	11	5	--	--	--	--
Advertising and promotions managers.....	3	--	--	--	--	--	--
Advertising and promotions managers.....	3	--	--	--	--	--	--
Marketing and sales managers.....	15	10	4	--	--	--	--
Sales managers.....	13	8	4	--	--	--	--
Operations specialties managers.....	43	14	15	4	7	--	--
Administrative services managers.....	5	--	--	--	--	--	--
Administrative services managers.....	5	--	--	--	--	--	--
Financial managers.....	14	4	8	--	--	--	--
Financial managers.....	14	4	8	--	--	--	--
Human resources managers.....	3	--	--	--	--	--	--
Industrial production managers.....	11	--	4	3	--	--	--
Industrial production managers.....	11	--	4	3	--	--	--
Transportation, storage, and distribution managers.....	7	--	--	--	--	--	--
Transportation, storage, and distribution managers.....	7	--	--	--	--	--	--
Other management occupations.....	540	230	87	124	53	26	20
Agricultural managers.....	323	161	31	97	15	12	7
Farm, ranch, and other agricultural managers.....	16	8	3	3	--	--	--
Farmers and ranchers.....	307	153	28	94	14	11	7
Construction managers.....	95	30	5	18	27	8	7
Construction managers.....	95	30	5	18	27	8	7
Education administrators.....	10	9	--	--	--	--	--
Education administrators, postsecondary.....	7	7	--	--	--	--	--
Food service managers.....	30	3	18	--	4	--	--
Food service managers.....	30	3	18	--	4	--	--
Lodging managers.....	11	3	6	--	--	--	--
Lodging managers.....	11	3	6	--	--	--	--
Property, real estate, and community association managers.....	17	3	9	--	--	--	--
Property, real estate, and community association managers.....	17	3	9	--	--	--	--
Miscellaneous managers.....	47	16	16	4	4	4	3
Managers, all other.....	47	16	16	4	4	4	3
Business and financial operations occupations.....	27	15	9	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Business operations specialists.....	18	12	4	--	--	--	--
Buyers and purchasing agents.....	6	5	--	--	--	--	--
Wholesale and retail buyers, except farm products.....	3	3	--	--	--	--	--
Claims adjusters, appraisers, examiners, and investigators.....	5	3	--	--	--	--	--
Claims adjusters, examiners, and investigators.....	5	3	--	--	--	--	--
Financial specialists.....	9	3	5	--	--	--	--
Accountants and auditors.....	5	--	3	--	--	--	--
Accountants and auditors.....	5	--	3	--	--	--	--
Computer and mathematical occupations.....	7	5	--	--	--	--	--
Computer specialists.....	7	5	--	--	--	--	--
Architecture and engineering occupations.....	68	45	--	4	5	10	--
Architects, surveyors, and cartographers.....	6	4	--	--	--	--	--
Surveyors, cartographers, and photogrammetrists.....	6	4	--	--	--	--	--
Surveyors.....	6	4	--	--	--	--	--
Engineers.....	36	26	--	3	--	3	--
Civil engineers.....	10	8	--	--	--	--	--
Civil engineers.....	10	8	--	--	--	--	--
Electrical and electronics engineers.....	5	3	--	--	--	--	--
Electrical engineers.....	3	--	--	--	--	--	--
Mechanical engineers.....	6	--	--	--	--	--	--
Mechanical engineers.....	6	--	--	--	--	--	--
Miscellaneous engineers.....	6	5	--	--	--	--	--
Engineers, all other.....	6	5	--	--	--	--	--
Drafters, engineering, and mapping technicians.....	26	15	--	--	3	5	--
Drafters.....	4	--	--	--	--	--	--
Architectural and civil drafters.....	4	--	--	--	--	--	--
Engineering technicians, except drafters.....	19	11	--	--	--	4	--
Electrical and electronic engineering technicians.....	10	6	--	--	--	--	--
Engineering technicians, except drafters, all other.....	4	4	--	--	--	--	--
Surveying and mapping technicians.....	3	--	--	--	--	--	--
Surveying and mapping technicians.....	3	--	--	--	--	--	--
Life, physical, and social science occupations.....	25	16	4	5	--	--	--
Life scientists.....	11	8	--	--	--	--	--
Conservation scientists and foresters.....	6	5	--	--	--	--	--
Foresters.....	4	3	--	--	--	--	--
Physical scientists.....	4	--	--	--	--	--	--
Life, physical, and social science technicians.....	8	5	--	--	--	--	--
Community and social services occupations.....	44	24	12	--	6	--	--
Counselors, social workers, and other community and social service specialists.....	21	11	8	--	--	--	--
Counselors.....	7	--	4	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Social workers.....	10	5	4	--	--	--	--
Child, family, and school social workers.....	3	--	--	--	--	--	--
Social workers, all other.....	3	--	--	--	--	--	--
Miscellaneous community and social service specialists.....	4	4	--	--	--	--	--
Religious workers.....	23	13	4	--	5	--	--
Clergy.....	12	5	4	--	--	--	--
Clergy.....	12	5	4	--	--	--	--
Directors, religious activities and education.....	4	--	--	--	--	--	--
Directors, religious activities and education.....	4	--	--	--	--	--	--
Miscellaneous religious workers.....	7	6	--	--	--	--	--
Religious workers, all other.....	7	6	--	--	--	--	--
Legal occupations.....	3	--	--	--	--	--	--
Lawyers, judges, and related workers.....	3	--	--	--	--	--	--
Education, training, and library occupations.....	27	15	3	--	5	4	--
Postsecondary teachers.....	7	5	--	--	--	--	--
Miscellaneous postsecondary teachers.....	3	3	--	--	--	--	--
Primary, secondary, and special education school teachers.....	12	5	--	--	--	3	--
Elementary and middle school teachers.....	6	--	--	--	--	--	--
Elementary school teachers, except special education.....	5	--	--	--	--	--	--
Secondary school teachers.....	5	--	--	--	--	--	--
Secondary school teachers, except special and vocational education.....	4	--	--	--	--	--	--
Other teachers and instructors.....	3	--	--	--	--	--	--
Other education, training, and library occupations.....	4	--	--	--	--	--	--
Teacher assistants.....	4	--	--	--	--	--	--
Teacher assistants.....	4	--	--	--	--	--	--
Arts, design, entertainment, sports, and media occupations.....	51	24	13	5	7	--	--
Art and design workers.....	8	--	4	--	--	--	--
Artists and related workers.....	3	--	--	--	--	--	--
Designers.....	5	--	--	--	--	--	--
Entertainers and performers, sports and related workers.....	32	16	6	4	6	--	--
Athletes, coaches, umpires, and related workers.....	23	13	--	3	5	--	--
Athletes and sports competitors.....	15	8	--	3	3	--	--
Coaches and scouts.....	7	5	--	--	--	--	--
Miscellaneous entertainers and performers, sports and related workers.....	5	--	--	--	--	--	--
Entertainers and performers, sports and related workers, all other.....	5	--	--	--	--	--	--
Media and communication equipment workers.....	9	4	3	--	--	--	--
Broadcast and sound engineering technicians and radio operators.....	3	--	--	--	--	--	--
Photographers.....	3	--	--	--	--	--	--
Photographers.....	3	--	--	--	--	--	--
Television, video, and motion picture camera operators and editors.....	3	--	--	--	--	--	--
Camera operators, television, video, and motion picture.....	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Healthcare practitioners and technical occupations.....	72	40	17	--	5	9	--
Health diagnosing and treating practitioners.....	40	20	13	--	3	4	--
Pharmacists.....	3	--	--	--	--	--	--
Pharmacists.....	3	--	--	--	--	--	--
Physicians and surgeons.....	5	3	--	--	--	--	--
Physicians and surgeons, all other.....	5	3	--	--	--	--	--
Registered nurses.....	23	11	5	--	3	4	--
Registered nurses.....	23	11	5	--	3	4	--
Therapists.....	4	3	--	--	--	--	--
Veterinarians.....	3	--	--	--	--	--	--
Veterinarians.....	3	--	--	--	--	--	--
Health technologists and technicians.....	31	20	4	--	--	5	--
Emergency medical technicians and paramedics.....	19	17	--	--	--	--	--
Emergency medical technicians and paramedics.....	19	17	--	--	--	--	--
Health diagnosing and treating practitioner support technicians.....	6	--	--	--	--	--	--
Licensed practical and licensed vocational nurses.....	4	--	--	--	--	--	--
Licensed practical and licensed vocational nurses.....	4	--	--	--	--	--	--
Healthcare support occupations.....	11	3	3	--	--	--	--
Nursing, psychiatric, and home health aides.....	8	3	--	--	--	--	--
Nursing, psychiatric, and home health aides.....	8	3	--	--	--	--	--
Home health aides.....	7	3	--	--	--	--	--
Other healthcare support occupations.....	3	--	--	--	--	--	--
Protective service occupations.....	271	126	104	12	12	4	13
First-line supervisors/managers, protective service workers.....	24	12	7	--	--	--	3
First-line supervisors/managers, law enforcement workers.....	10	5	5	--	--	--	--
First-line supervisors/managers of police and detectives.....	10	5	5	--	--	--	--
First-line supervisors/managers, fire fighting and prevention workers.....	10	5	--	--	--	--	3
First-line supervisors/managers of fire fighting and prevention workers.....	10	5	--	--	--	--	3
Miscellaneous first-line supervisors/managers, protective service workers.....	4	--	--	--	--	--	--
First-line supervisors/managers, protective service workers, all other.....	4	--	--	--	--	--	--
Fire fighting and prevention workers.....	30	15	--	3	--	--	7
Fire fighters.....	29	14	--	3	--	--	7
Fire fighters.....	29	14	--	3	--	--	7
Law enforcement workers.....	136	74	53	--	4	--	--
Bailiffs, correctional officers, and jailers.....	5	--	--	--	--	--	--
Correctional officers and jailers.....	5	--	--	--	--	--	--
Detectives and criminal investigators.....	9	5	4	--	--	--	--
Detectives and criminal investigators.....	9	5	4	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Police officers.....	121	66	48	--	--	--	--
Police and sheriff's patrol officers.....	121	66	48	--	--	--	--
Other protective service workers.....	81	25	42	5	6	--	--
Security guards and gaming surveillance officers.....	67	17	41	--	4	--	--
Security guards.....	65	16	40	--	4	--	--
Miscellaneous protective service workers.....	13	8	--	3	--	--	--
Crossing guards.....	7	7	--	--	--	--	--
Protective service workers, all other.....	4	--	--	--	--	--	--
Food preparation and serving related occupations.....	52	3	37	--	5	5	--
Supervisors, food preparation and serving workers.....	10	--	10	--	--	--	--
First-line supervisors/managers, food preparation and serving workers.....	10	--	10	--	--	--	--
First-line supervisors/managers of food preparation and serving workers.....	10	--	10	--	--	--	--
Cooks and food preparation workers.....	10	--	4	--	--	3	--
Cooks.....	9	--	3	--	--	3	--
Cooks, restaurant.....	5	--	--	--	--	--	--
Food and beverage serving workers.....	27	--	19	--	4	--	--
Bartenders.....	11	--	9	--	--	--	--
Bartenders.....	11	--	9	--	--	--	--
Fast food and counter workers.....	10	--	6	--	--	--	--
Combined food preparation and serving workers, including fast food.....	7	--	5	--	--	--	--
Counter attendants, cafeteria, food concession, and coffee shop.....	3	--	--	--	--	--	--
Waiters and waitresses.....	5	--	4	--	--	--	--
Waiters and waitresses.....	5	--	4	--	--	--	--
Other food preparation and serving related workers.....	5	--	4	--	--	--	--
Dining room and cafeteria attendants and bartender helpers.....	3	--	3	--	--	--	--
Dining room and cafeteria attendants and bartender helpers.....	3	--	3	--	--	--	--
Building and grounds cleaning and maintenance occupations.....	277	82	27	51	68	45	--
Supervisors, building and grounds cleaning and maintenance workers.....	43	15	3	13	8	4	--
First-line supervisors/managers, building and grounds cleaning and maintenance workers.....	43	15	3	13	8	4	--
First-line supervisors/managers of housekeeping and janitorial workers.....	6	3	--	--	--	--	--
First-line supervisors/managers of landscaping, lawn service, and groundskeeping workers.....	37	12	--	12	7	4	--
Building cleaning and pest control workers.....	66	10	19	4	18	13	--
Building cleaning workers.....	63	9	19	4	18	11	--
Janitors and cleaners, except maids and housekeeping cleaners.....	47	9	12	3	13	8	--
Maids and housekeeping cleaners.....	15	--	7	--	4	--	--
Pest control workers.....	3	--	--	--	--	--	--
Pest control workers.....	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Grounds maintenance workers.....	168	57	5	34	42	28	--
Grounds maintenance workers.....	168	57	5	34	42	28	--
Landscaping and groundskeeping workers.....	98	48	4	16	16	13	--
Tree trimmers and pruners.....	65	7	--	17	26	14	--
Grounds maintenance workers, all other.....	4	--	--	--	--	--	--
Personal care and service occupations.....	55	19	25	--	--	9	--
Supervisors, personal care and service workers.....	6	--	4	--	--	--	--
First-line supervisors/managers of personal service workers.....	6	--	4	--	--	--	--
First-line supervisors/managers of personal service workers.....	6	--	4	--	--	--	--
Animal care and service workers.....	11	4	7	--	--	--	--
Animal trainers.....	5	4	--	--	--	--	--
Animal trainers.....	5	4	--	--	--	--	--
Nonfarm animal caretakers.....	6	--	6	--	--	--	--
Nonfarm animal caretakers.....	6	--	6	--	--	--	--
Entertainment attendants and related workers.....	7	3	--	--	--	3	--
Miscellaneous entertainment attendants and related workers.....	7	3	--	--	--	3	--
Amusement and recreation attendants.....	6	3	--	--	--	--	--
Personal appearance workers.....	7	--	7	--	--	--	--
Barbers and cosmetologists.....	5	--	5	--	--	--	--
Barbers.....	3	--	3	--	--	--	--
Transportation, tourism, and lodging attendants.....	7	5	--	--	--	--	--
Tour and travel guides.....	5	3	--	--	--	--	--
Tour guides and escorts.....	5	3	--	--	--	--	--
Other personal care and service workers.....	16	5	4	--	--	6	--
Child care workers.....	6	3	--	--	--	--	--
Child care workers.....	6	3	--	--	--	--	--
Recreation and fitness workers.....	5	--	--	--	--	--	--
Recreation workers.....	4	--	--	--	--	--	--
Sales and related occupations.....	352	105	193	11	27	10	5
Supervisors, sales workers.....	156	18	109	8	15	--	4
First-line supervisors/managers, sales workers.....	156	18	109	8	15	--	4
First-line supervisors/managers of retail sales workers.....	129	12	99	5	11	--	--
First-line supervisors/managers of non-retail sales workers.....	27	6	10	3	4	--	--
Retail sales workers.....	101	16	69	--	8	4	--
Cashiers.....	54	--	50	--	--	--	--
Cashiers.....	54	--	50	--	--	--	--
Counter and rental clerks and parts salespersons.....	6	3	--	--	--	--	--
Counter and rental clerks.....	3	--	--	--	--	--	--
Parts salespersons.....	3	--	--	--	--	--	--
Retail salespersons.....	41	11	17	--	8	--	--
Retail salespersons.....	41	11	17	--	8	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Sales representatives, services.....	21	15	4	--	--	--	--
Advertising sales agents.....	3	--	--	--	--	--	--
Advertising sales agents.....	3	--	--	--	--	--	--
Insurance sales agents.....	5	3	--	--	--	--	--
Insurance sales agents.....	5	3	--	--	--	--	--
Securities, commodities, and financial services sales agents.....	5	3	--	--	--	--	--
Securities, commodities, and financial services sales agents.....	5	3	--	--	--	--	--
Miscellaneous sales representatives, services.....	7	6	--	--	--	--	--
Sales representatives, services, all other.....	7	6	--	--	--	--	--
Sales representatives, wholesale and manufacturing.....	34	31	--	--	--	--	--
Sales representatives, wholesale and manufacturing.....	34	31	--	--	--	--	--
Sales representatives, wholesale and manufacturing, technical and scientific products.....	12	11	--	--	--	--	--
Sales representatives, wholesale and manufacturing, except technical and scientific products.....	22	20	--	--	--	--	--
Other sales and related workers.....	40	25	9	--	--	3	--
Real estate brokers and sales agents.....	11	5	5	--	--	--	--
Real estate brokers.....	5	--	4	--	--	--	--
Real estate sales agents.....	6	5	--	--	--	--	--
Miscellaneous sales and related workers.....	26	18	3	--	--	3	--
Door-to-door sales workers, news and street vendors, and related workers.....	22	16	3	--	--	3	--
Sales and related workers, all other.....	4	--	--	--	--	--	--
Office and administrative support occupations.....	91	47	25	8	8	--	--
Supervisors, office and administrative support workers.....	4	--	3	--	--	--	--
First-line supervisors/managers of office and administrative support workers.....	4	--	3	--	--	--	--
First-line supervisors/managers of office and administrative support workers.....	4	--	3	--	--	--	--
Financial clerks.....	8	3	4	--	--	--	--
Tellers.....	3	--	--	--	--	--	--
Tellers.....	3	--	--	--	--	--	--
Information and record clerks.....	9	3	5	--	--	--	--
Receptionists and information clerks.....	4	--	3	--	--	--	--
Receptionists and information clerks.....	4	--	3	--	--	--	--
Material recording, scheduling, dispatching, and distributing workers.....	50	31	6	6	5	--	--
Couriers and messengers.....	17	15	--	--	--	--	--
Couriers and messengers.....	17	15	--	--	--	--	--
Postal service workers.....	14	10	--	--	--	--	--
Postal service mail carriers.....	11	10	--	--	--	--	--
Stock clerks and order fillers.....	14	4	--	--	4	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Stock clerks and order fillers.....	14	4	--	--	4	--	--
Secretaries and administrative assistants.....	6	--	4	--	--	--	--
Secretaries and administrative assistants.....	6	--	4	--	--	--	--
Secretaries, except legal, medical, and executive.....	4	--	3	--	--	--	--
Other office and administrative support workers.....	14	7	3	--	--	--	--
Office clerks, general.....	7	3	--	--	--	--	--
Office clerks, general.....	7	3	--	--	--	--	--
Farming, fishing, and forestry occupations.....	281	132	16	96	11	19	6
Supervisors, farming, fishing, and forestry workers.....	11	7	--	--	--	--	--
First-line supervisors/managers of farming, fishing, and forestry workers.....	11	7	--	--	--	--	--
First-line supervisors/managers of farming, fishing, and forestry workers.....	8	4	--	--	--	--	--
Farm labor contractors.....	3	3	--	--	--	--	--
Agricultural workers.....	143	76	13	25	9	16	4
Miscellaneous agricultural workers.....	140	75	12	25	8	16	4
Agricultural equipment operators.....	11	7	--	3	--	--	--
Farmworkers and laborers, crop, nursery, and greenhouse.....	82	48	5	16	4	8	--
Farmworkers, farm and ranch animals.....	42	18	6	5	4	7	--
Agricultural workers, all other.....	5	--	--	--	--	--	--
Fishing and hunting workers.....	38	32	--	--	--	--	--
Fishers and related fishing workers.....	38	32	--	--	--	--	--
Fishers and related fishing workers.....	38	32	--	--	--	--	--
Forest, conservation, and logging workers.....	89	17	--	67	--	--	--
Logging workers.....	85	13	--	67	--	--	--
Fallers.....	55	4	--	49	--	--	--
Logging equipment operators.....	13	6	--	6	--	--	--
Logging workers, all other.....	17	3	--	12	--	--	--
Construction and extraction occupations.....	1,129	250	32	258	409	150	30
Supervisors, construction and extraction workers.....	116	38	3	30	33	9	3
First-line supervisors/managers of construction trades and extraction workers.....	116	38	3	30	33	9	3
First-line supervisors/managers of construction trades and extraction workers.....	116	38	3	30	33	9	3
Construction trades workers.....	870	165	27	182	355	121	20
Boilermakers.....	4	--	--	--	4	--	--
Boilermakers.....	4	--	--	--	4	--	--
Brickmasons, blockmasons, and stonemasons.....	18	4	--	--	10	--	--
Brickmasons and blockmasons.....	18	4	--	--	10	--	--
Carpenters.....	111	9	4	22	68	8	--
Carpenters.....	111	9	4	22	68	8	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Carpet, floor, and tile installers and finishers.....	7	--	--	--	--	4	--
Carpet installers.....	3	--	--	--	--	--	--
Cement masons, concrete finishers, and terrazzo workers.....	14	5	--	--	3	4	--
Cement masons and concrete finishers.....	14	5	--	--	3	4	--
Construction laborers.....	293	67	6	93	89	37	--
Construction laborers.....	293	67	6	93	89	37	--
Construction equipment operators.....	72	40	--	25	--	4	--
Paving, surfacing, and tamping equipment operators.....	9	9	--	--	--	--	--
Operating engineers and other construction equipment operators.....	61	31	--	24	--	3	--
Drywall installers, ceiling tile installers, and tapers.....	13	--	--	--	10	--	--
Drywall and ceiling tile installers.....	13	--	--	--	10	--	--
Electricians.....	93	14	3	3	30	39	4
Electricians.....	93	14	3	3	30	39	4
Glaziers.....	4	--	--	--	3	--	--
Glaziers.....	4	--	--	--	3	--	--
Painters and paperhangers.....	61	5	4	4	36	8	4
Painters, construction and maintenance.....	60	5	4	4	35	8	4
Pipelayers, plumbers, pipefitters, and steamfitters.....	34	6	--	13	--	4	7
Pipelayers.....	10	--	--	7	--	3	--
Plumbers, pipefitters, and steamfitters.....	24	6	--	6	--	--	7
Plasterers and stucco masons.....	3	--	--	--	--	--	--
Plasterers and stucco masons.....	3	--	--	--	--	--	--
Reinforcing iron and rebar workers.....	3	--	--	--	--	--	--
Reinforcing iron and rebar workers.....	3	--	--	--	--	--	--
Roofers.....	94	10	--	--	74	6	--
Roofers.....	94	10	--	--	74	6	--
Sheet metal workers.....	14	--	--	--	7	--	--
Sheet metal workers.....	14	--	--	--	7	--	--
Structural iron and steel workers.....	31	--	--	12	15	3	--
Structural iron and steel workers.....	31	--	--	12	15	3	--
Helpers, construction trades.....	21	3	--	5	4	7	--
Helpers, construction trades.....	21	3	--	5	4	7	--
Helpers--brickmasons, blockmasons, stonemasons, and tile and marble setters.....	3	--	--	--	--	--	--
Helpers--electricians.....	10	--	--	--	--	5	--
Helpers--pipelayers, plumbers, pipefitters, and steamfitters.....	3	--	--	--	--	--	--
Helpers, construction trades, all other.....	4	--	--	--	--	--	--
Other construction and related workers.....	45	24	--	5	8	7	--
Construction and building inspectors.....	8	5	--	--	--	--	--
Construction and building inspectors.....	8	5	--	--	--	--	--
Elevator installers and repairers.....	6	--	--	--	3	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Elevator installers and repairers.....	6	--	--	--	3	--	--
Highway maintenance workers.....	21	18	--	--	--	--	--
Highway maintenance workers.....	21	18	--	--	--	--	--
Miscellaneous construction and related workers.....	7	--	--	--	3	--	--
Construction and related workers, all other.....	6	--	--	--	3	--	--
Extraction workers.....	77	20	--	36	9	6	5
Derrick, rotary drill, and service unit operators, oil, gas, and mining.....	15	3	--	5	--	--	--
Derrick operators, oil and gas.....	6	--	--	--	--	--	--
Rotary drill operators, oil and gas.....	8	--	--	3	--	--	--
Earth drillers, except oil and gas.....	8	--	--	--	--	--	--
Earth drillers, except oil and gas.....	8	--	--	--	--	--	--
Mining machine operators.....	20	8	--	11	--	--	--
Continuous mining machine operators.....	4	--	--	--	--	--	--
Mining machine operators, all other.....	15	6	--	8	--	--	--
Roof bolters, mining.....	3	--	--	--	--	--	--
Roof bolters, mining.....	3	--	--	--	--	--	--
Roustabouts, oil and gas.....	7	--	--	7	--	--	--
Roustabouts, oil and gas.....	7	--	--	7	--	--	--
Helpers--extraction workers.....	3	--	--	--	--	--	--
Helpers--extraction workers.....	3	--	--	--	--	--	--
Miscellaneous extraction workers.....	18	--	--	8	6	--	--
Extraction workers, all other.....	18	--	--	8	6	--	--
Installation, maintenance, and repair occupations.....	382	73	35	103	69	67	35
Supervisors of installation, maintenance, and repair workers.....	43	5	8	12	8	5	5
First-line supervisors/managers of mechanics, installers, and repairers.....	43	5	8	12	8	5	5
First-line supervisors/managers of mechanics, installers, and repairers.....	43	5	8	12	8	5	5
Electrical and electronic equipment mechanics, installers, and repairers.....	13	3	3	--	3	3	--
Computer, automated teller, and office machine repairers.....	3	--	--	--	--	--	--
Computer, automated teller, and office machine repairers.....	3	--	--	--	--	--	--
Radio and telecommunications equipment installers and repairers.....	4	--	--	--	--	--	--
Telecommunications equipment installers and repairers, except line installers.....	4	--	--	--	--	--	--
Miscellaneous electrical and electronic equipment mechanics, installers, and repairers.....	6	--	--	--	--	3	--
Electric motor, power tool, and related repairers.....	3	--	--	--	--	--	--
Vehicle and mobile equipment mechanics, installers, and repairers.....	120	22	20	49	6	8	15
Aircraft mechanics and service technicians.....	4	--	--	--	--	--	--
Aircraft mechanics and service technicians.....	4	--	--	--	--	--	--
Automotive technicians and repairers.....	50	5	19	15	3	--	6
Automotive body and related repairers.....	11	--	5	4	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Automotive service technicians and mechanics.....	38	3	14	11	3	--	5
Bus and truck mechanics and diesel engine specialists.....	22	7	--	12	--	--	--
Bus and truck mechanics and diesel engine specialists.....	22	7	--	12	--	--	--
Heavy vehicle and mobile equipment service technicians and mechanics.....	25	3	--	14	--	4	--
Farm equipment mechanics.....	4	--	--	--	--	--	--
Mobile heavy equipment mechanics, except engines.....	19	--	--	11	--	--	--
Small engine mechanics.....	3	3	--	--	--	--	--
Miscellaneous vehicle and mobile equipment mechanics, installers, and repairers.....	16	--	--	7	--	--	6
Tire repairers and changers.....	16	--	--	7	--	--	6
Other installation, maintenance, and repair occupations.....	206	43	4	41	52	51	15
Control and valve installers and repairers.....	4	--	--	--	--	--	--
Control and valve installers and repairers, except mechanical door.....	3	--	--	--	--	--	--
Heating, air conditioning, and refrigeration mechanics and installers.....	24	--	--	--	8	12	--
Heating, air conditioning, and refrigeration mechanics and installers.....	24	--	--	--	8	12	--
Industrial machinery installation, repair, and maintenance workers.....	91	19	--	28	25	11	7
Industrial machinery mechanics.....	39	11	--	12	9	4	3
Maintenance and repair workers, general.....	39	8	--	7	13	6	4
Maintenance workers, machinery.....	6	--	--	5	--	--	--
Millwrights.....	7	--	--	4	--	--	--
Line installers and repairers.....	50	10	--	3	13	20	--
Electrical power-line installers and repairers.....	36	8	--	--	7	15	--
Telecommunications line installers and repairers.....	14	--	--	--	6	5	--
Miscellaneous installation, maintenance, and repair workers.....	35	9	3	7	6	7	--
Coin, vending, and amusement machine servicers and repairers.....	5	3	--	--	--	--	--
Locksmiths and safe repairers.....	3	--	--	--	--	--	--
Manufactured building and mobile home installers.....	3	--	--	3	--	--	--
Riggers.....	4	--	--	--	--	--	--
Helpers--installation, maintenance, and repair workers.....	3	--	--	--	--	--	--
Installation, maintenance, and repair workers, all other.....	15	3	--	--	4	4	--
Production occupations.....	288	48	34	110	33	29	31
Supervisors, production workers.....	37	7	5	14	4	5	--
First-line supervisors/managers of production and operating workers.....	37	7	5	14	4	5	--
First-line supervisors/managers of production and operating workers.....	37	7	5	14	4	5	--
Assemblers and fabricators.....	19	--	--	6	4	3	--
Miscellaneous assemblers and fabricators.....	14	--	--	3	4	--	--
Assemblers and fabricators, all other.....	14	--	--	3	4	--	--
Food processing workers.....	13	--	5	--	--	3	--
Butchers and other meat, poultry, and fish processing workers.....	10	--	5	--	--	--	--
Slaughterers and meat packers.....	8	--	5	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Metal workers and plastic workers.....	84	14	8	37	9	5	11
Machine tool cutting setters, operators, and tenders, metal and plastic.....	4	--	--	4	--	--	--
Grinding, lapping, polishing, and buffing machine tool setters, operators, and tenders, metal and plastic.....	3	--	--	3	--	--	--
Machinists.....	10	--	--	6	3	--	--
Machinists.....	10	--	--	6	3	--	--
Metal furnace and kiln operators and tenders.....	6	--	--	--	--	--	3
Metal-refining furnace operators and tenders.....	6	--	--	--	--	--	3
Molders and molding machine setters, operators, and tenders, metal and plastic.....	4	--	--	--	--	--	--
Molding, coremaking, and casting machine setters, operators, and tenders, metal and plastic.....	3	--	--	--	--	--	--
Welding, soldering, and brazing workers.....	47	7	5	19	6	5	5
Welders, cutters, solderers, and brazers.....	45	7	5	17	6	5	5
Miscellaneous metalworkers and plastic workers.....	10	6	--	--	--	--	--
Metal workers and plastic workers, all other.....	8	6	--	--	--	--	--
Printing workers.....	4	--	--	--	--	--	--
Printers.....	3	--	--	--	--	--	--
Textile, apparel, and furnishings workers.....	7	--	--	--	--	--	--
Woodworkers.....	15	3	--	10	--	--	--
Cabinetmakers and bench carpenters.....	3	--	--	--	--	--	--
Cabinetmakers and bench carpenters.....	3	--	--	--	--	--	--
Woodworking machine setters, operators, and tenders.....	12	--	--	8	--	--	--
Sawing machine setters, operators, and tenders, wood.....	9	--	--	6	--	--	--
Woodworking machine setters, operators, and tenders, except sawing.....	3	--	--	--	--	--	--
Plant and system operators.....	14	--	4	--	--	--	6
Stationary engineers and boiler operators.....	3	--	--	--	--	--	--
Stationary engineers and boiler operators.....	3	--	--	--	--	--	--
Water and liquid waste treatment plant and system operators.....	6	--	--	--	--	--	--
Water and liquid waste treatment plant and system operators.....	6	--	--	--	--	--	--
Miscellaneous plant and system operators.....	3	--	--	--	--	--	--
Other production occupations.....	95	19	9	38	11	9	9
Chemical processing machine setters, operators, and tenders.....	7	--	--	--	--	--	5
Chemical equipment operators and tenders.....	6	--	--	--	--	--	5
Crushing, grinding, polishing, mixing, and blending workers.....	9	--	--	6	--	--	--
Crushing, grinding, and polishing machine setters, operators, and tenders.....	4	--	--	3	--	--	--
Mixing and blending machine setters, operators, and tenders.....	4	--	--	3	--	--	--
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	3	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Extruding, forming, pressing, and compacting machine setters, operators, and tenders.....	3	--	--	--	--	--	--
Inspectors, testers, sorters, samplers, and weighers.....	14	5	--	4	3	--	--
Inspectors, testers, sorters, samplers, and weighers.....	14	5	--	4	3	--	--
Packaging and filling machine operators and tenders.....	4	--	--	--	--	--	--
Packaging and filling machine operators and tenders.....	4	--	--	--	--	--	--
Painting workers.....	5	--	--	--	--	--	--
Painters, transportation equipment.....	3	--	--	--	--	--	--
Miscellaneous production workers.....	47	12	3	19	5	4	4
Paper goods machine setters, operators, and tenders.....	3	--	--	3	--	--	--
Helpers--production workers.....	8	--	--	--	--	--	--
Production workers, all other.....	33	10	--	12	4	3	--
Transportation and material moving occupations.....	1,490	1,067	85	197	76	53	11
Supervisors, transportation and material moving workers.....	24	13	--	4	3	--	--
First-line supervisors/managers of helpers, laborers, and material movers, hand.....	9	3	--	3	--	--	--
First-line supervisors/managers of helpers, laborers, and material movers, hand.....	9	3	--	3	--	--	--
First-line supervisors/managers of transportation and material-moving machine and vehicle operators.....	14	10	--	--	--	--	--
First-line supervisors/managers of transportation and material-moving machine and vehicle operators.....	14	10	--	--	--	--	--
Air transportation workers.....	109	109	--	--	--	--	--
Aircraft pilots and flight engineers.....	109	109	--	--	--	--	--
Airline pilots, copilots, and flight engineers.....	22	22	--	--	--	--	--
Commercial pilots.....	87	87	--	--	--	--	--
Motor vehicle operators.....	1,005	770	64	99	40	29	--
Bus drivers.....	19	15	--	--	--	--	--
Bus drivers, transit and intercity.....	14	10	--	--	--	--	--
Bus drivers, school.....	5	5	--	--	--	--	--
Driver/sales workers and truck drivers.....	905	714	26	97	38	28	--
Driver/sales workers.....	45	31	11	--	--	--	--
Truck drivers, heavy and tractor-trailer.....	769	606	15	90	32	24	--
Truck drivers, light or delivery services.....	91	77	--	6	5	3	--
Taxi drivers and chauffeurs.....	67	27	38	--	--	--	--
Taxi drivers and chauffeurs.....	67	27	38	--	--	--	--
Miscellaneous motor vehicle operators.....	13	13	--	--	--	--	--
Motor vehicle operators, all other.....	13	13	--	--	--	--	--
Rail transportation workers.....	21	20	--	--	--	--	--
Locomotive engineers and operators.....	8	8	--	--	--	--	--
Locomotive engineers.....	6	6	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
Railroad brake, signal, and switch operators.....	4	4	--	--	--	--	--
Railroad brake, signal, and switch operators.....	4	4	--	--	--	--	--
Railroad conductors and yardmasters.....	8	8	--	--	--	--	--
Railroad conductors and yardmasters.....	8	8	--	--	--	--	--
Water transportation workers.....	45	43	--	--	--	--	--
Sailors and marine oilers.....	39	39	--	--	--	--	--
Sailors and marine oilers.....	39	39	--	--	--	--	--
Ship and boat captains and operators.....	5	4	--	--	--	--	--
Captains, mates, and pilots of water vessels.....	5	4	--	--	--	--	--
Other transportation workers.....	15	3	7	--	--	3	--
Parking lot attendants.....	3	--	--	--	--	--	--
Parking lot attendants.....	3	--	--	--	--	--	--
Service station attendants.....	7	--	5	--	--	--	--
Service station attendants.....	7	--	5	--	--	--	--
Transportation inspectors.....	3	--	--	--	--	--	--
Transportation inspectors.....	3	--	--	--	--	--	--
Material moving workers.....	271	109	12	93	30	18	9
Crane and tower operators.....	15	--	--	10	3	--	--
Crane and tower operators.....	15	--	--	10	3	--	--
Dredge, excavating, and loading machine operators.....	14	6	--	7	--	--	--
Excavating and loading machine and dragline operators.....	12	5	--	6	--	--	--
Hoist and winch operators.....	3	--	--	3	--	--	--
Hoist and winch operators.....	3	--	--	3	--	--	--
Industrial truck and tractor operators.....	44	22	--	16	--	--	--
Industrial truck and tractor operators.....	44	22	--	16	--	--	--
Laborers and material movers, hand.....	143	48	8	45	25	11	6
Cleaners of vehicles and equipment.....	11	6	--	3	--	--	--
Laborers and freight, stock, and material movers, hand.....	126	41	7	39	23	10	6
Packers and packagers, hand.....	4	--	--	--	--	--	--
Pumping station operators.....	4	3	--	--	--	--	--
Wellhead pumpers.....	4	3	--	--	--	--	--
Refuse and recyclable material collectors.....	35	23	--	7	--	3	--
Refuse and recyclable material collectors.....	35	23	--	7	--	3	--
Miscellaneous material moving workers.....	9	5	--	4	--	--	--
Material moving workers, all other.....	9	5	--	4	--	--	--
Military specific occupations.....	64	45	5	5	--	7	--
Military officer special and tactical operations leaders/managers.....	8	8	--	--	--	--	--
Military officer special and tactical operations leaders/managers.....	8	8	--	--	--	--	--
First-line enlisted military supervisor/managers.....	5	--	--	--	--	--	--
First-line enlisted military supervisors/managers.....	5	--	--	--	--	--	--

See footnotes at end of table.

TABLE A-5. Fatal occupational injuries by occupation and event or exposure, All United States, 2004 - Continued

Occupation ¹	Total fatalities (number)	Event or exposure ²					
		Transportation incidents ³	Assaults and violent acts ⁴	Contact with objects and equipment	Falls	Exposure to harmful sub- stances or environments	Fires and explosions
First-line supervisors/managers of all other tactical operations specialists.....	3	--	--	--	--	--	--
Military enlisted tactical operations and air/weapons specialists and crew members.....	27	17	--	3	--	6	--
Military enlisted tactical operations and air/weapons specialists and crew members.....	27	17	--	3	--	6	--
Infantry.....	5	--	--	--	--	4	--
Military enlisted tactical operations and air/weapons specialists and crew members, all other.....	18	12	--	3	--	--	--

¹ Based on the 2000 Standard Occupational Classification System.

² Based on the 1992 BLS Occupational Injury and Illness Classification Manual.

³ Includes highway, nonhighway, air, water, rail fatalities, and fatalities resulting from being struck by a vehicle.

⁴ Includes violence by persons, self-inflicted injury, and attacks by animals.

NOTE: Totals for major categories may include subcategories not shown separately.

Dashes indicate no data reported or data that do not meet publication criteria. Data for 2004 are preliminary.

SOURCE: U.S. Department of Labor, Bureau of Labor Statistics, in cooperation with State and Federal agencies, Census of Fatal Occupational Injuries